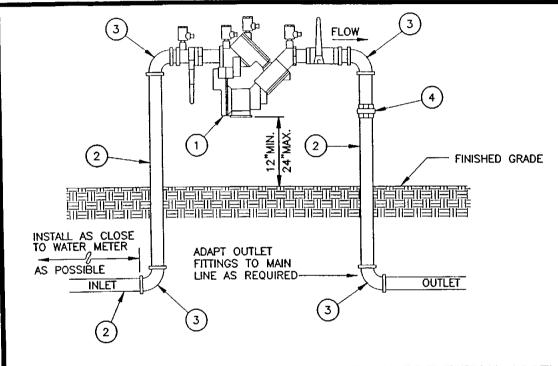
DETAIL NO. M-31.3



GENERAL NOTES

- CONTACT CITY OF MESA, WATER QUALITY SERVICES, FOR LATEST LIST OF APPROVED BACKFLOW PREVENTERS OR CERTIFIED TESTERS.
- BACKFLOW PREVENTERS MUST BE TESTED BY A CERTIFIED TESTER BEFORE A FINAL APPROVAL IS ISSUED.
- ALL COPPER PIPE JOINTS SHALL BE SOLDERED. THE SOLDER ALLOY SHALL COMPLY W/ ASTM B 32 HAVING A SILVER CONTENT OF NOT LESS THAN 3.4% INTENDED FOR JOINING COPPER PIPES FOR POTABLE WATER SYSTEMS (GRADES SN 94, SN 95. OR SN 96). THE FLUX SHALL BE TYPE OA FOR GENERAL SOLDERING ON COPPER.
- INSTALL A BRASS PIPE PLUG IN EACH TESTCOCK ON THE ASSEMBLY.
- FINISHED GRADE UNDER THE BACKFLOW PREVENTER SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY.
- PROVIDE 12-INCH MINIMUM CLEARANCE BETWEEN BACKFLOW PREVENTION ASSEMBLY AND PERMANENT STRUCTURES OR LANDSCAPE VEGETATION.

REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY

LIST OF MATERIALS

- APPROVED REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY, BALL VALVES INCLUDED
- TYPE "L" COPPER PIPE, 3/4" THRU 2"
- 90" ELL, COPPER, 3/4" THRU 2"
- PIPE UNION. BRASS OR COPPER